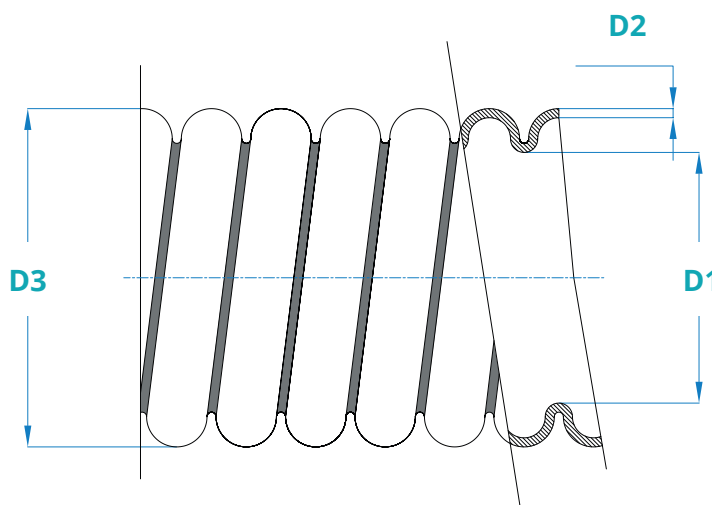


SERIES **HC** is a Heavy wall extruded **C**onvolved hose used extensively throughout the process industry. It's self cleaning design and unique way the hose can be lined through the fittings make a completely bug free environment for applications where cleanliness is paramount. Also, protects fittings against corrosion in applications transferring aggressive medias.

SERIES **HC** - VW/TO, used globally in applications that require the up most cleanliness and with its heavier wall it is more suited to the arduous applications found in the process plant industry. The SS 304 vacuum wire adds strength to the hose whilst also giving vacuum resistance.



## PROPERTIES

<b>APPLICATION</b>	Used globally in applications that require the up most cleanliness and with its heavier wall it is more suited to the arduous applications found in the process plant industry. The SS 304 vacuum wire adds strength to the hose whilst also giving vacuum resistance.		
<b>DESIGN</b>	Heavy wall convoluted PTFE tube with SS 304 vacuum wire		
<b>INNER LAYER</b>	Natural (GP) or Anti-static (AS) helically convoluted heavy wall PTFE tube		
<b>OUTER LAYER</b>	SS 304 vacuum wire		
<b>TEMP MIN</b>	-60°C	<b>TEMP MAX</b>	+260°C
<b>MATERIAL</b>	PTFE according to 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'		

Natural (GP) Part No.	Antistatic (AS) Part No.	Size	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	Minimum Bend Radius (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
PFHC06-GP-VW-TO	PFHC06-AS-VW-TO	1/4"	7.00	11.68	0.76	18	4	16	744
PFHC10-GP-VW-TO	PFHC10-AS-VW-TO	3/8"	9.65	14.95	0.76	25	4	16	744
PFHC12-GP-VW-TO	PFHC12-AS-VW-TO	1/2"	13.08	17.90	0.89	40	4	16	947
PFHC16-GP-VW-TO	PFHC16-AS-VW-TO	5/8"	16.00	21.85	0.89	50	3	12	947
PFHC20-GP-VW-TO	PFHC20-AS-VW-TO	3/4"	19.00	26.40	1.00	60	3	12	947
PFHC25-GP-VW-TO	PFHC25-AS-VW-TO	1"	25.40	35.00	1.20	80	3	12	947
PFHC32-GP-VW-TO	PFHC32-AS-VW-TO	1.25"	31.00	41.00	1.20	100	2.5	10	947
PFHC40-GP-VW-TO	PFHC40-AS-VW-TO	1.5"	35.50	45.00	1.60	120	2.5	10	947
PFHC45-GP-VW-TO	PFHC45-AS-VW-TO	1.75"	44.00	55.00	1.60	135	2	10	947
PFHC50-GP-VW-TO	PFHC50-AS-VW-TO	2"	47.50	58.50	1.60	165	2	10	947
PFHC65-GP-VW-TO	PFHC65-AS-VW-TO	2.5"	60.25	76.25	1.60	230	1.5	6	947
PFHC80-GP-VW-TO	PFHC80-AS-VW-TO	3"	74.00	92.00	1.60	260	1.25	5	947
PFHC100-GP-VW-TO	PFHC100-AS-VW-TO	4"	98.00	121.30	1.82	300	1	4	947
PFHC150-GP-VW-TO	PFHC150-AS-VW-TO	6"	152.00	181.00	2.50	520	1	4	455